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What is claimed is:

1. A compound according to Formula (1):

In one aspect of the present invention, there is provided a compound of formula (1):

10 wherein:

A consists of an optionally substituted carbocycle of 3 to 8 membered ring.

Y is a bond except where X is a carbonyl wherein Y is a bond or CH₂.

X is a carbonyl, CH2 or a bond

R is selected from the group consisting of aryl and heteroaryl;

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2. A compound according to claim 1 selected from the group consisting of:

N-Hydroxy-N-{cis-4-methyl-1-[N'-(4-trifluoromethyl-pyrimidin-2-yl)-

hydrazinocarbonyl]-cyclohexylmethyl}-formamide

N-Hydroxy-N-{cis-4-methyl-1-[N'-(4-methyl-pyrimidin-2-yl)-hydrazinocarbonyl]-

20 cyclohexylmethyl}-formamide

N-Hydroxy-N-{cis-4-methyl-1-[N'-(4-morpholin-4-yl-6-trifluoromethyl-pyrimidin-2-

yl)-hydrazinocarbonyl]-cyclohexylmethyl}-formamide

N-Hydroxy-N-{cis-4-methyl-1-[N-(7-methyl-benzo[1,2,4]triazin-3-yl)-

hydrazinocarbonyl]-cyclohexylmethyl}-formamide

25 N-Hydroxy-N-{cis-4-methyl-1-[N-(5-methyl-benzo[1,2,4]triazin-3-yl)-

hydrazinocarbonyl]-cyclohexylmethyl}-formamide

N-Hydroxy-N-{cis-4-methyl-1-[N-(5,7-dimethyl-benzo[1,2,4]triazin-3-yl)-

hydrazinocarbonyl]-cyclohexylmethyl}-formamide

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Benzofuran-2-carboxylic acid {[(cis-1-{1-[(formyl-hydroxy-amino)-methyl]-4methyl-cyclohexyl}-methanoyl)-amino]-methyl}-amide N-Hydroxy-N-(cis-1-{N'-[1-(7-methoxy-benzofuran-2-yl)-methanoyl]hydrazinocarbonyl}-4-methyl-cyclohexylmethyl)-formamide

- N-Hydroxy-N-{ 1-[N'-(4-trifluoromethyl-pyrimidin-2-yl)-hydrazinocarbonyl]-5 cyclopentylmethyl}-formamide N-Hydroxy-N-{1-[N'-(7-methoxy-benzofuran-2-carbonyl)-hydrazinocarbonyl]cyclopentylmethyl}-formamide
 - N-Hydroxy-N-{ 1-[N'-(4-trifluoromethyl-pyrimidin-2-yl)-hydrazinocarbonyl]-
- cyclohexylmethyl}-formamide 10 N-Hydroxy-N-{1-[N'-(7-methoxy-benzofuran-2-carbonyl)-hydrazinocarbonyl]cyclohexylmethyl}-formamide N-Hydroxy-N-{1-[N'-(5-methoxy-benzo[1,2,4triazin-3-yl)-hydrazinocarbonyl]cyclohexylmethyl}-formamide
- N-Hydroxy-N-{1-[N'-(7-methyl-benzo[1,2,4triazin-3-yl)-hydrazinocarbonyl]-15 cyclohexylmethyl}-formamide $N-\{4,4-\text{Dimethyl-1-}[N'-(4-\text{trifluoromethyl-pyrimidin-2-yl})-\text{hydrazinocarbonyl}\}$ cyclohexylmethyl}- N-hydroxy-formamide $N-\{4,4-\text{Dimethyl-1-}[N'-(4-\text{methyl-pyrimidin-2-yl})-\text{hydrazinocarbonyl}]-$
- 20 cyclohexylmethyl}- N-hydroxy-formamide $N-\{4,4-\text{Dimethyl-1-}[N'-(4-\text{methyl-6-morpholin-4-yl-pyrimidin-2-yl)-}\}$ hydrazinocarbonyl]-cyclohexylmethyl}- N-hydroxy-formamide $N-\{4,4-\text{Dimethyl-1-}[N'-(4-\text{trifluoromethyl-6-morpholin-4-yl-pyrimidin-2-yl)-}\}$ hydrazinocarbonyl]-cyclohexylmethyl}- N-hydroxy-formamide
- 25 $N-\{4,4-\text{Dimethyl-1-}[N'-(7-\text{methyl-benzo}[1,2,4]\text{triazin-3-yl})-\text{hydrazinocarbonyl}\}$ cyclohexylmethyl}- N-hydroxy-formamide $N-\{4,4-\text{Dimethyl-1-}[N'-(5-\text{methyl-benzo}[1,2,4]\text{triazin-3-yl})-\text{hydrazinocarbonyl}]$ cyclohexylmethyl}- N-hydroxy-formamide N-{4,4-Dimethyl-1-[N'-(4-methyl-pyridin-2-yl)-hydrazinocarbonyl]-30
- cyclohexylmethyl \} N-hydroxy-formamide

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N-{1-[N'-(Dimethylamino-ethyl-[1,3,5]triazin-2-yl)-hydrazinocarbonyl]-4,4-dimethyl-cyclohexylmethyl}- N-hydroxy-formamide

Benzofuran-2-carboxylic acid {[(1-{-[(formyl-hydroxy-amino)-methyl]-4,4-dimethyl-cyclohexyl}-methanoyl)-amino]-methyl}-amide

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- N-Hydroxy-N-{ 1-[N'-(4-trifluoromethyl-pyrimidin-2-yl)-hydrazinocarbonyl]-cycloheptylmethyl}-formamide
 N-Hydroxy-N-{ 1-[N'-(4-methyl-pyrimidin-2-yl)-hydrazinocarbonyl]-cycloheptylmethyl}-formamide
 N-Hydroxy-N-{1-[N'-(4-methyl-6-morpholin-4-yl-pyrimidin-2-yl)-
- hydrazinocarbonyl]-cycloheptylmethyl}-formamide

 N-(1-{N'-[4-(4-Ethyl-piperazin-1-yl)-6-methyl-pyrimidin-2-yl]-hydrazinocarbonyl}
 cycloheptylmethyl)-N-hydroxy-formamide

 N-Hydroxy-N-{1-[N'-(4-methyl-pyridin-2-yl)-hydrazinocarbonyl]
 cycloheptylmethyl}-formamide
- N-Hydroxy-N-{1-[N'-(5-methyl-benzo[1,2,4]triazin-3-yl)-hydrazinocarbonyl]-cycloheptylmethyl}-formamide
 N-Hydroxy-N-{1-[N'-(7-methyl-benzo[1,2,4]triazin-3-yl)-hydrazinocarbonyl]-cycloheptylmethyl}-formamide
 N-Hydroxy-N-{1-[N'-(7-methoxy-benzofuran-2-carbonyl)-hydrazinocarbonyl]-cycloheptylmethyl}-formamide
 Benzofuran-2-carboxylic acid {[(1-{-[(formyl-hydroxy-amino)-methyl]-cycloheptyl}-methanoyl)-amino]-methyl}-amide
- 3. A method of treating a bacterial infection by administering to a subject in need of treatment a compound according to claim 1.